

U.S. PAT. & TRADEMARK OFFICE
OCT 12 2004

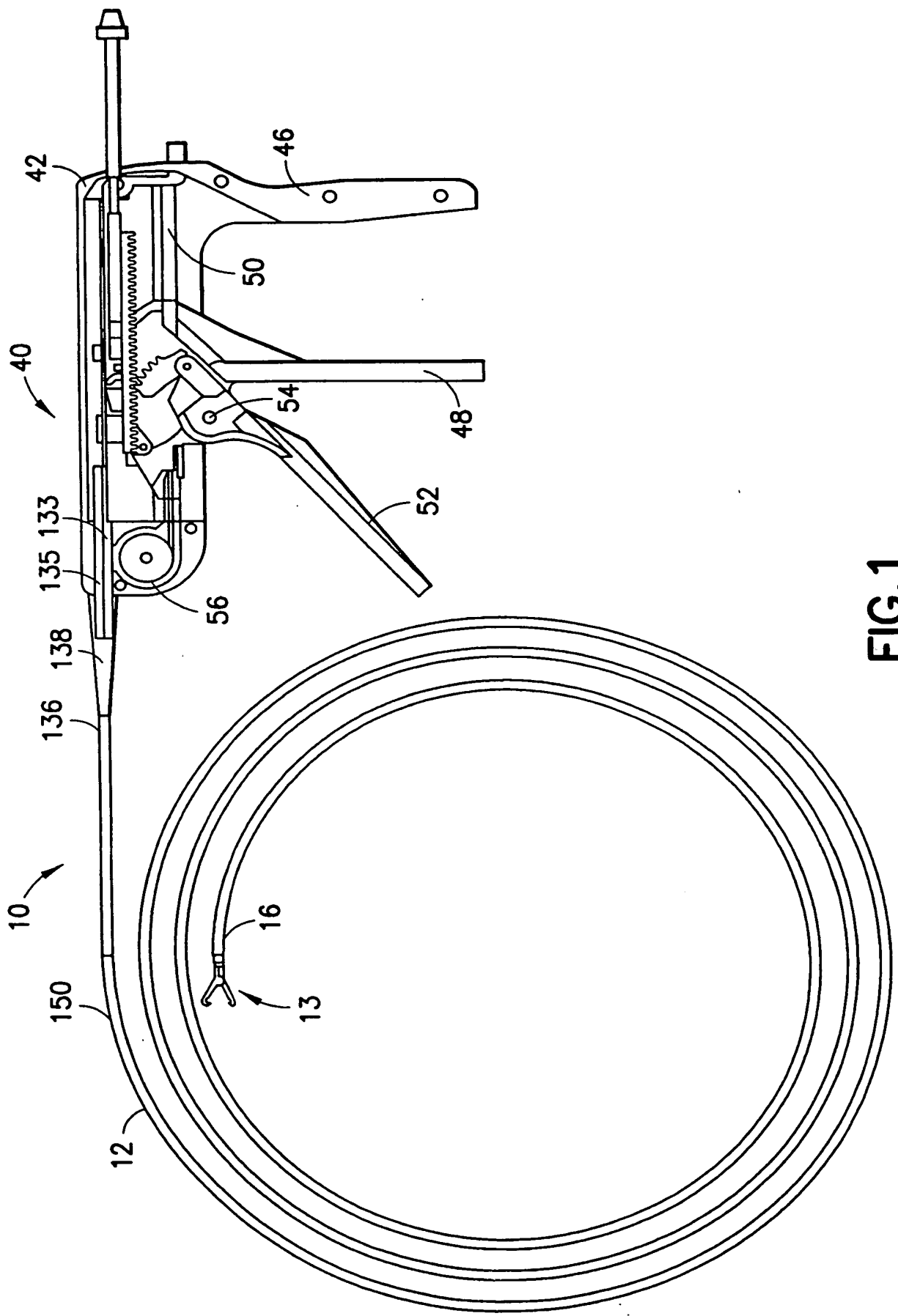


FIG. 1

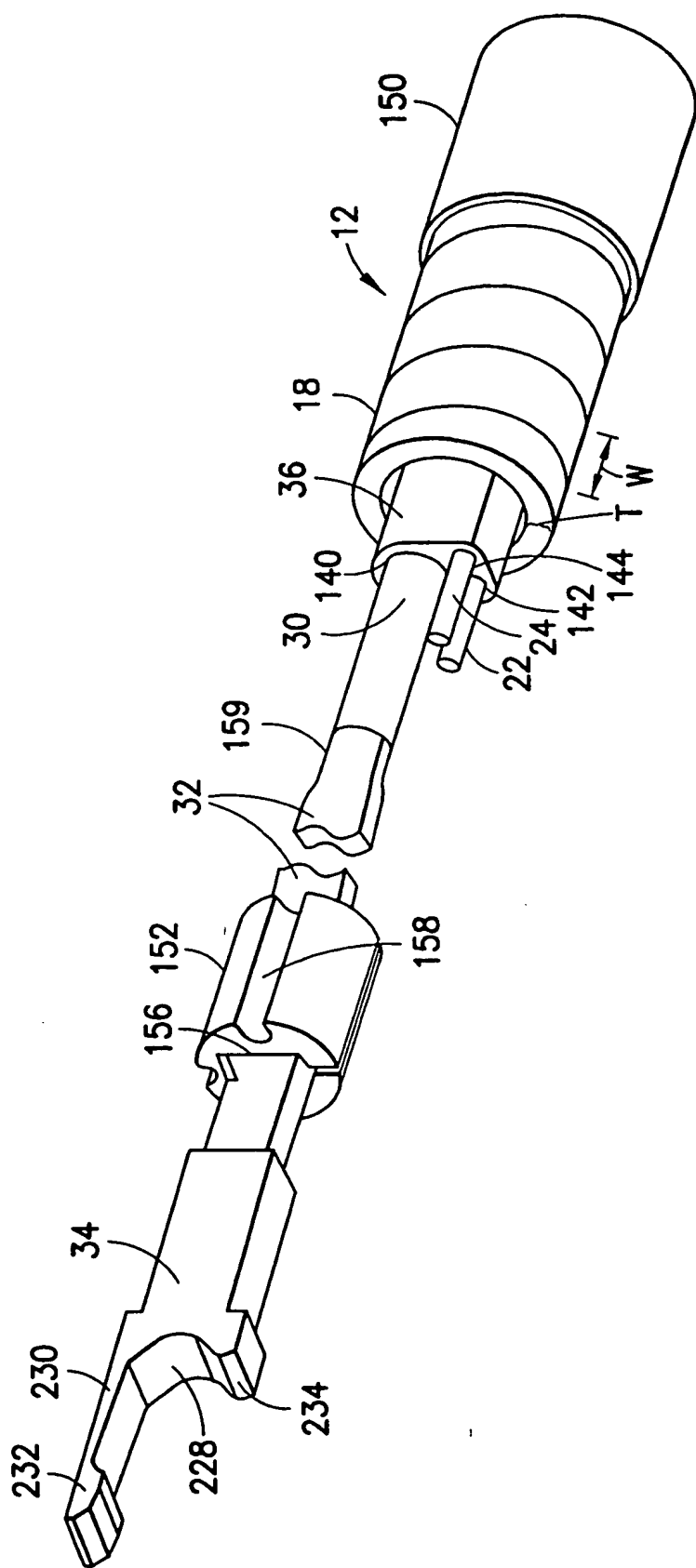


FIG.2

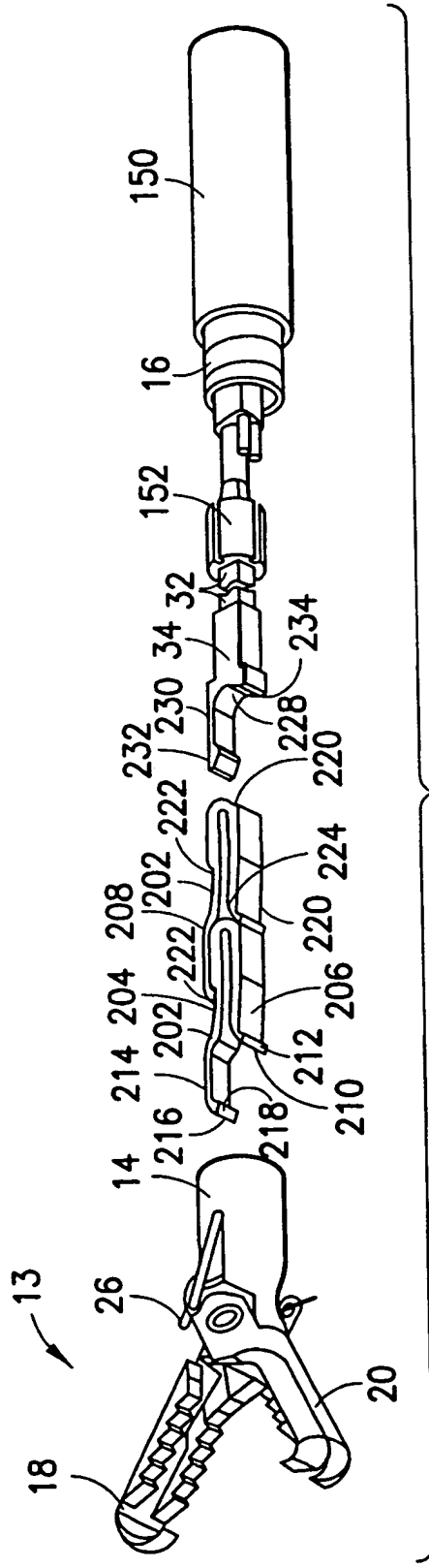


FIG. 2A

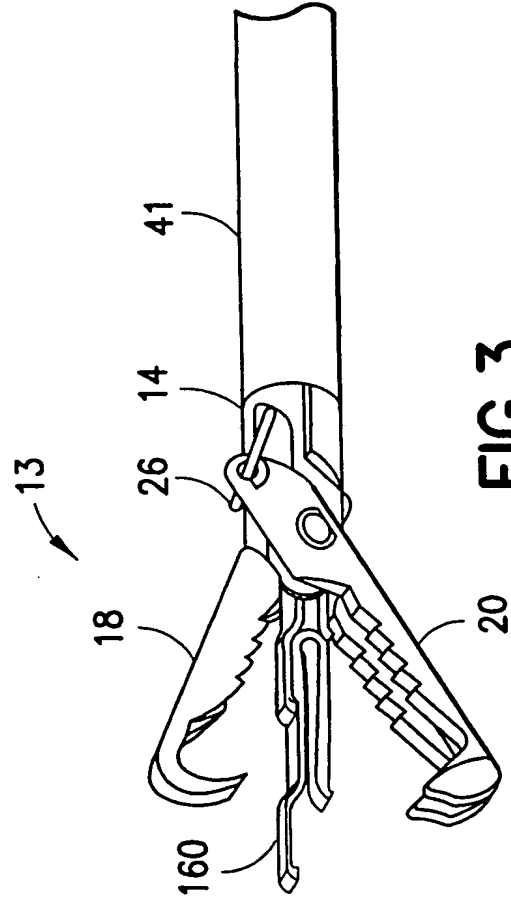


FIG. 3

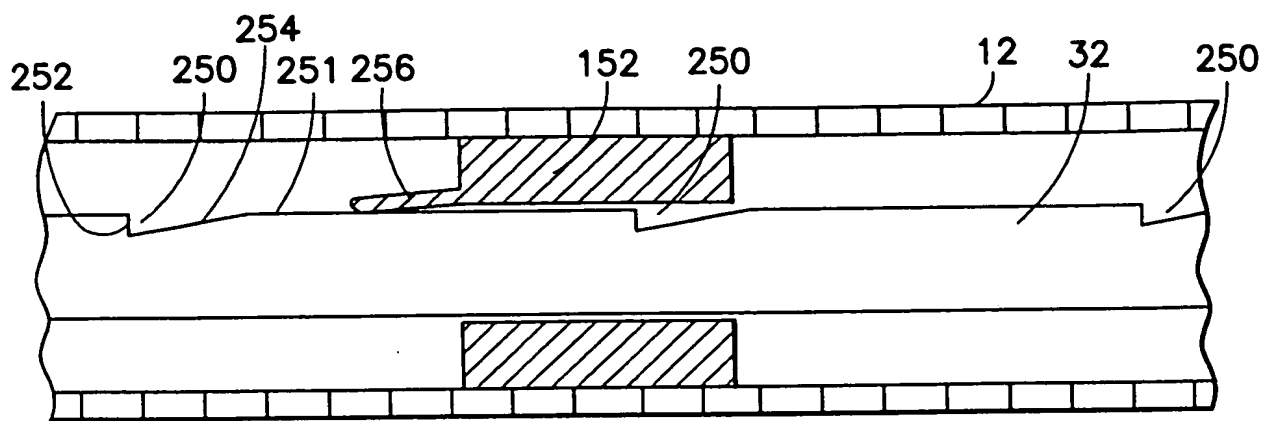


FIG.2B

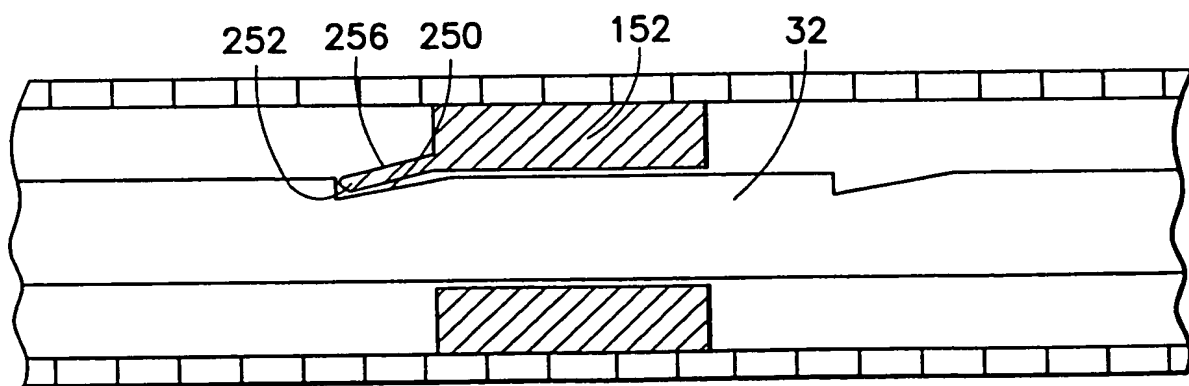


FIG.2C

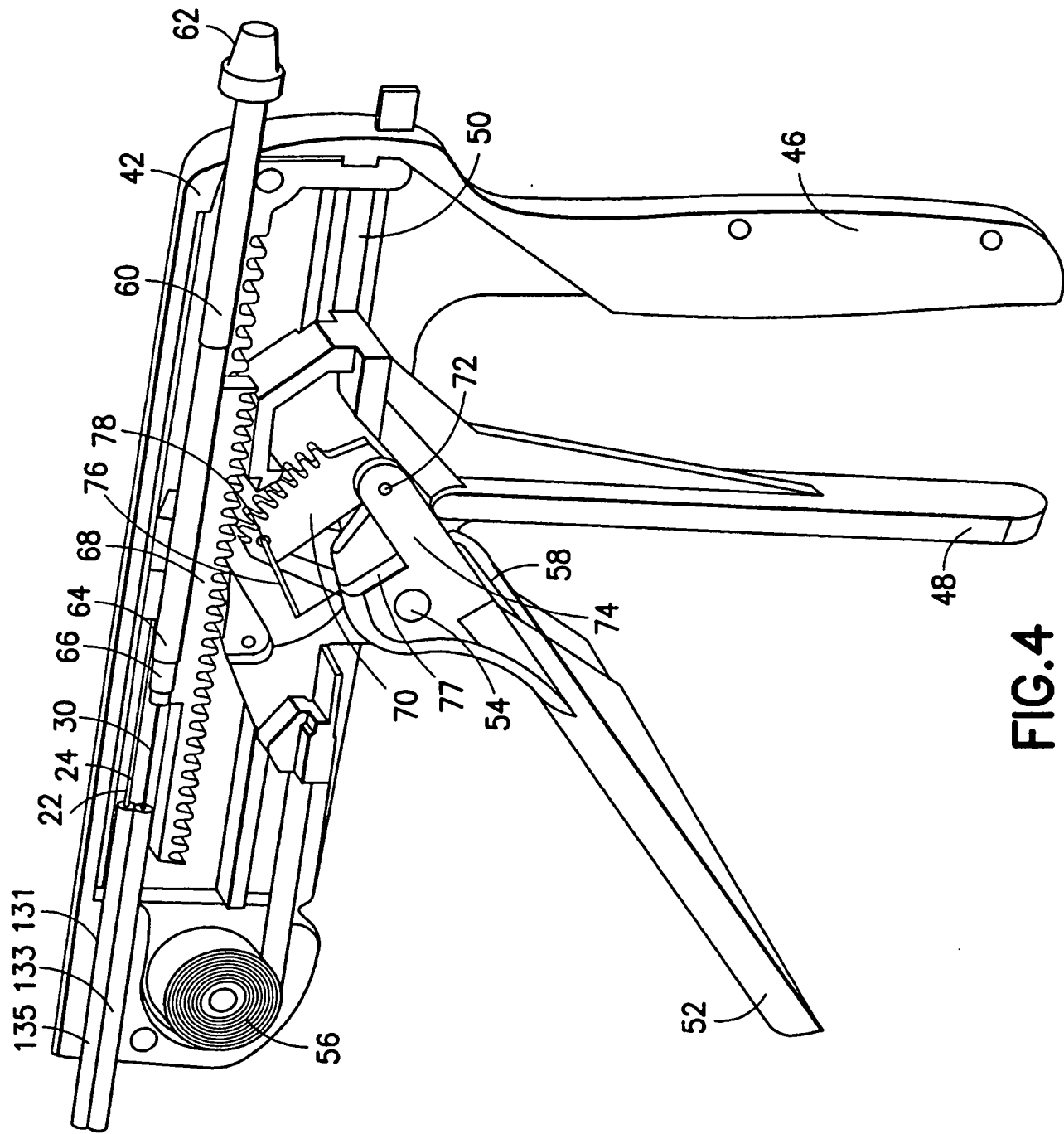


FIG.4

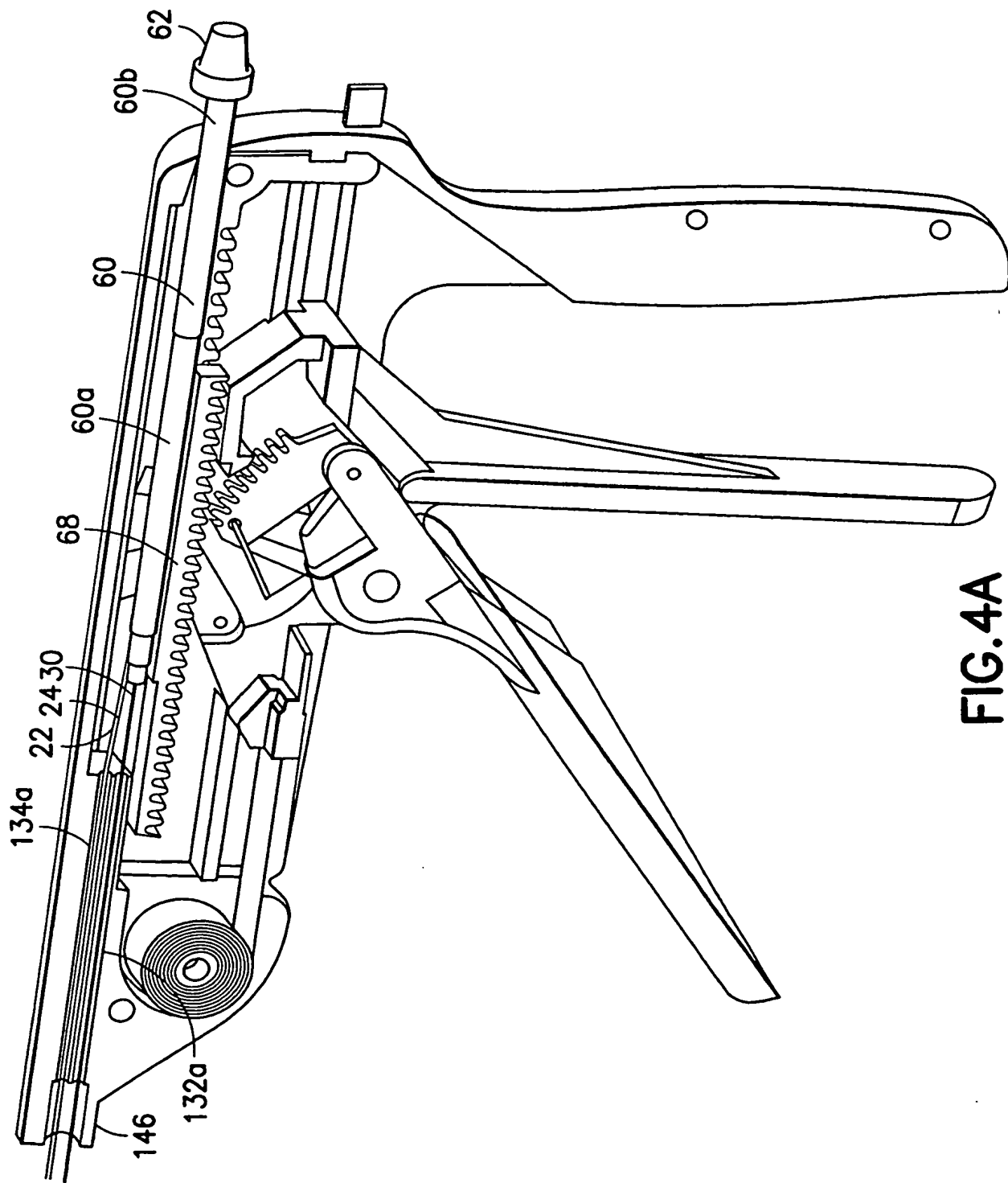


FIG. 4A

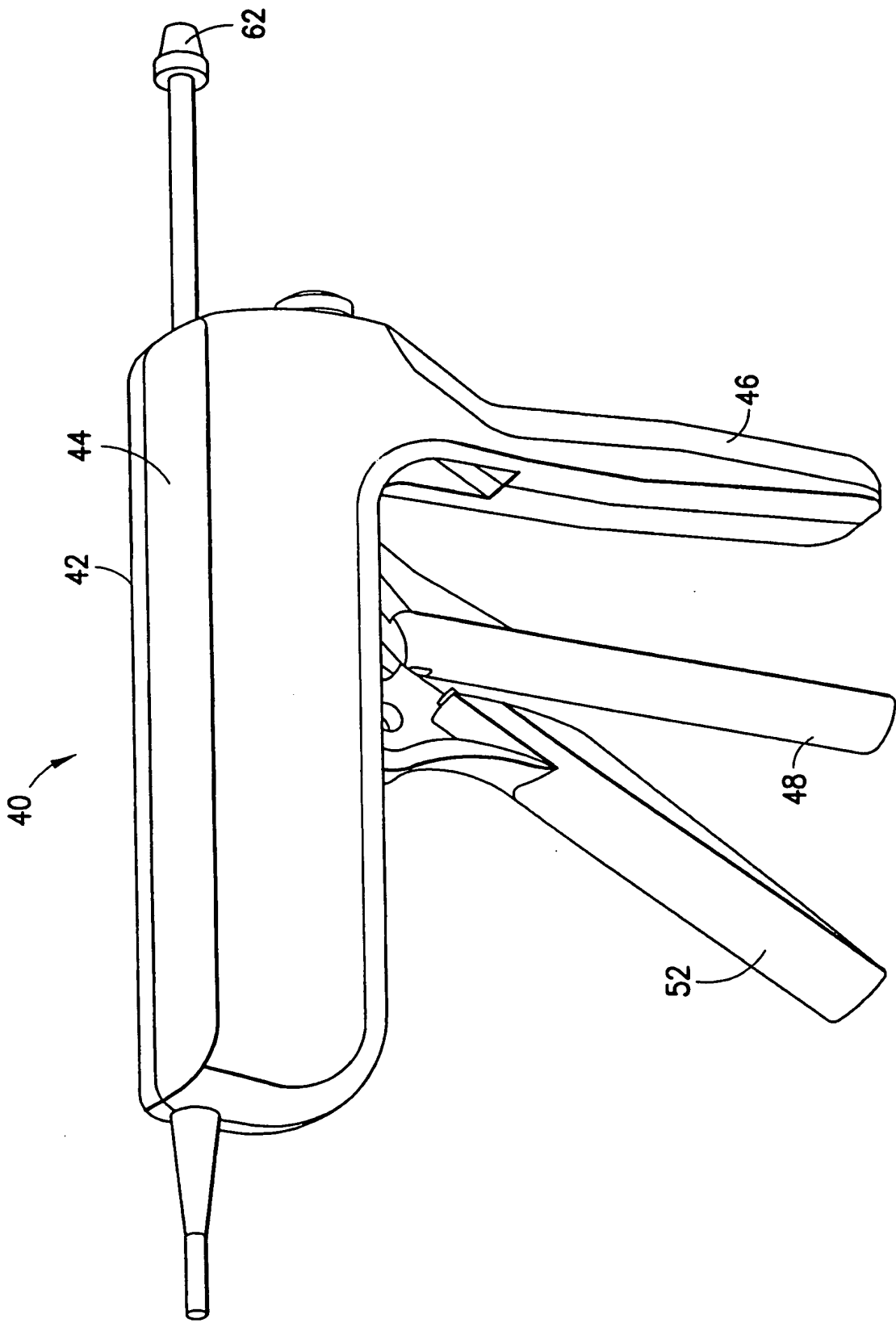
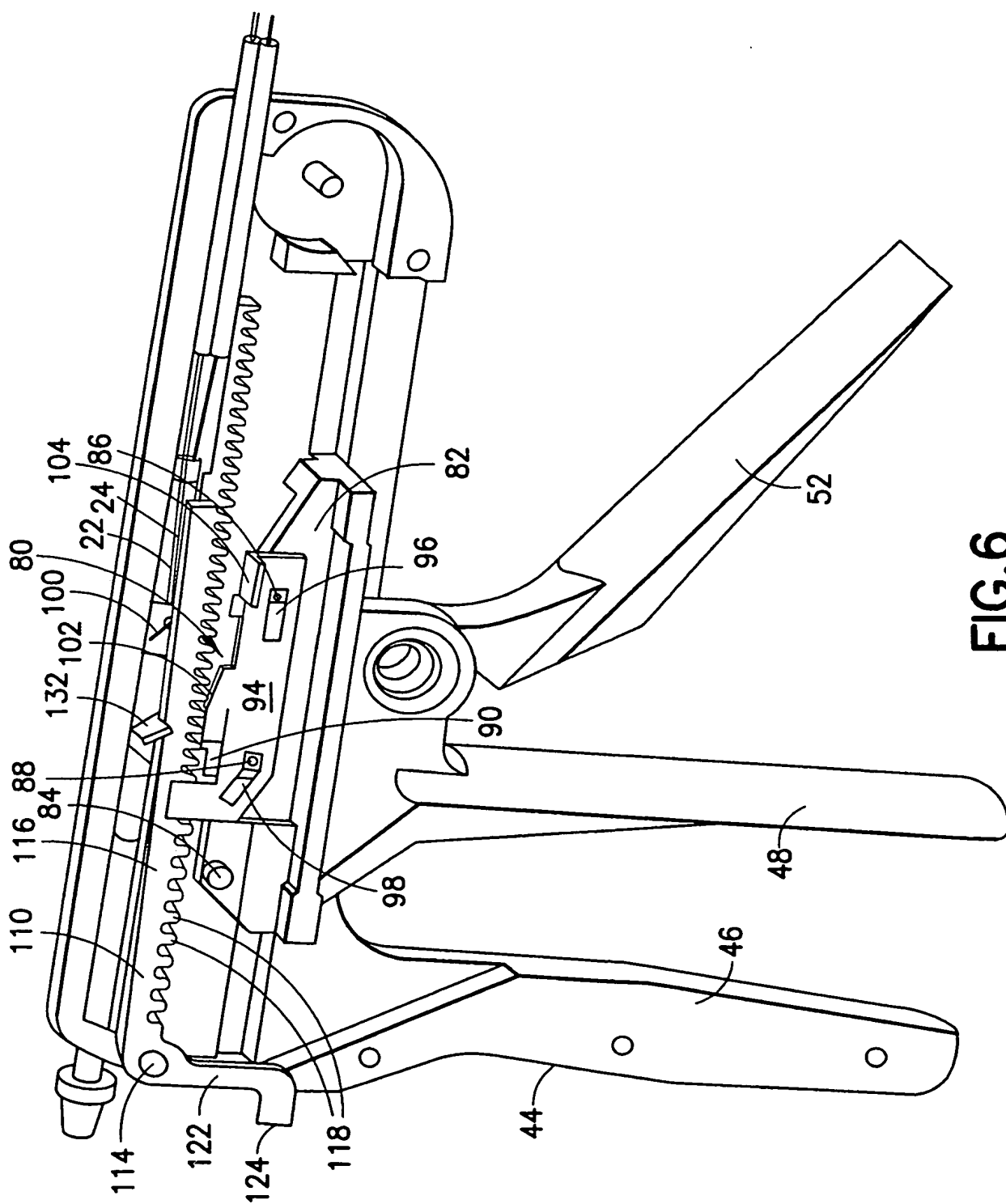


FIG.5



9.6.F

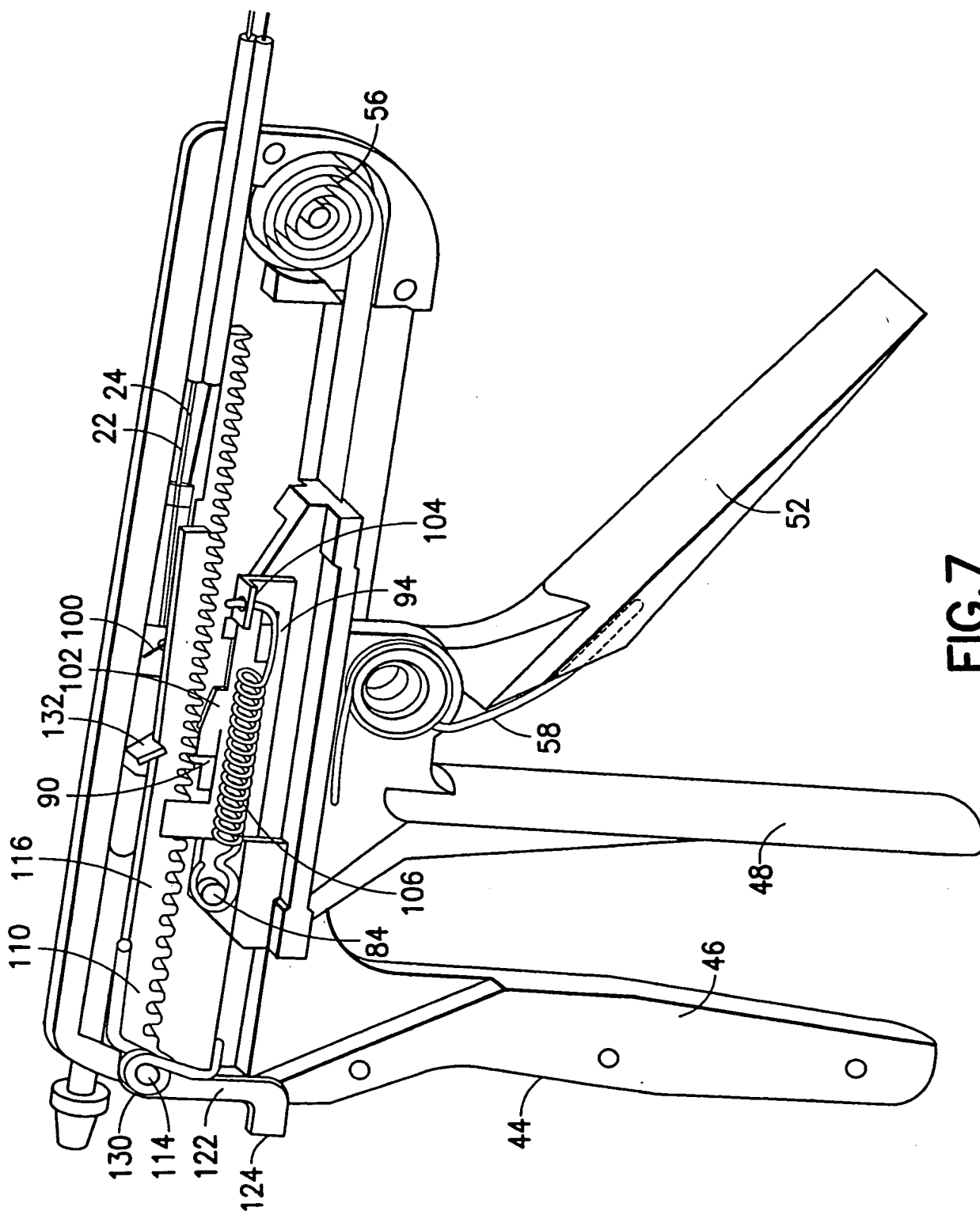


FIG. 7

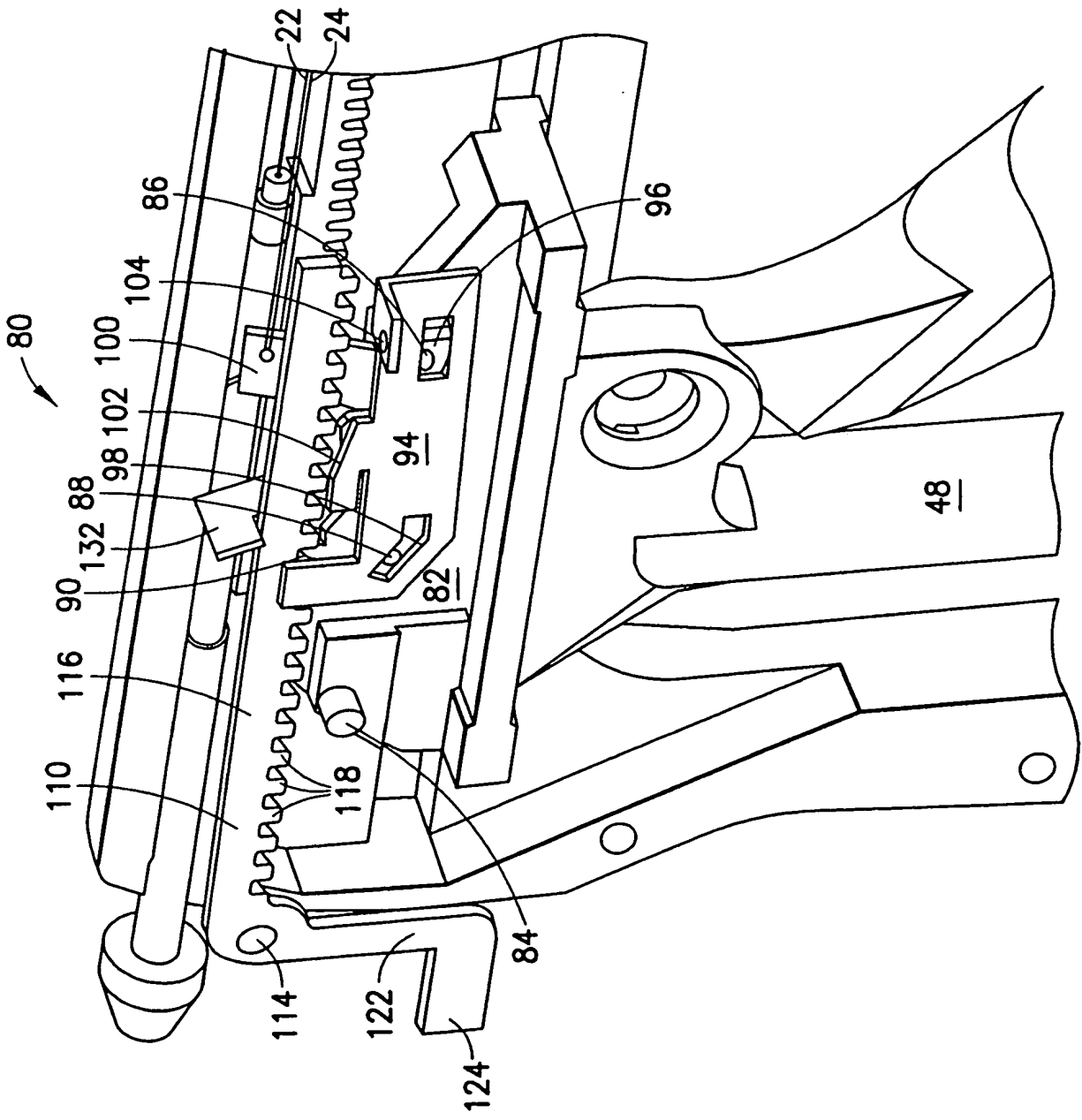


FIG.8

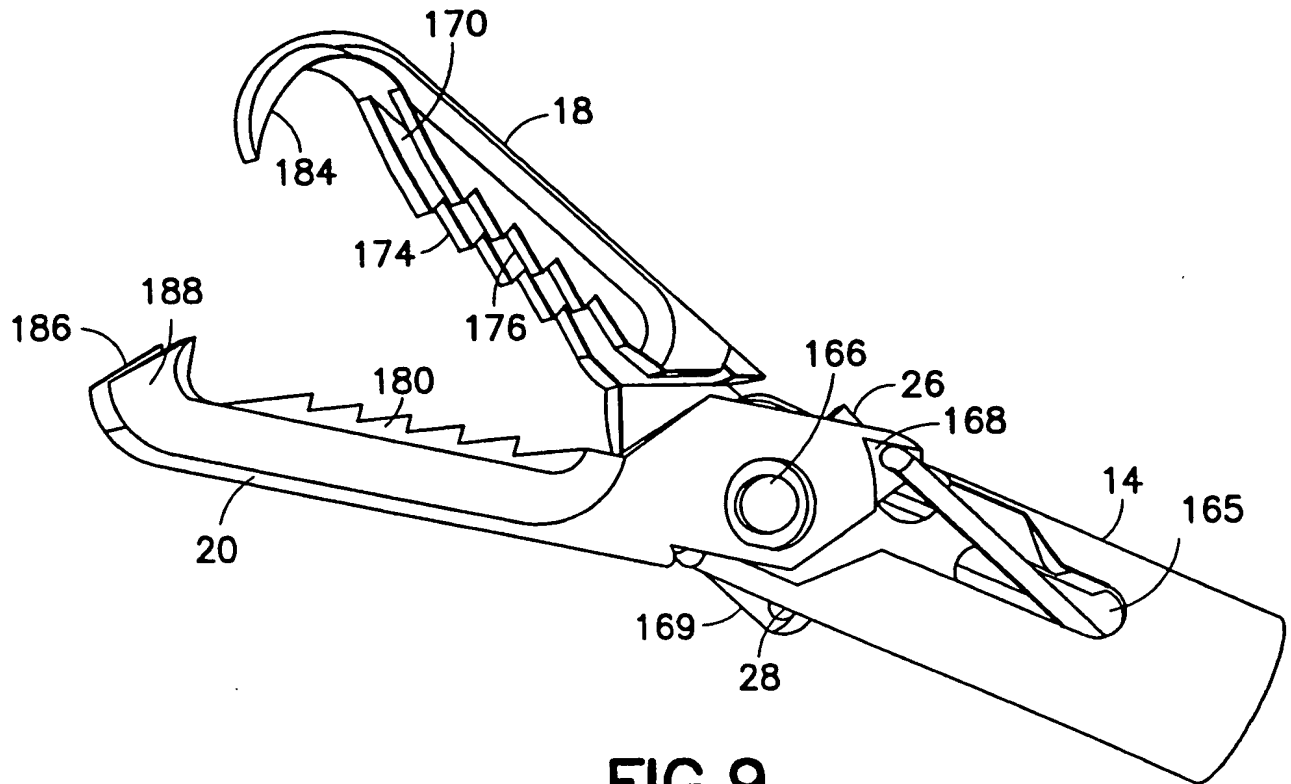


FIG. 9

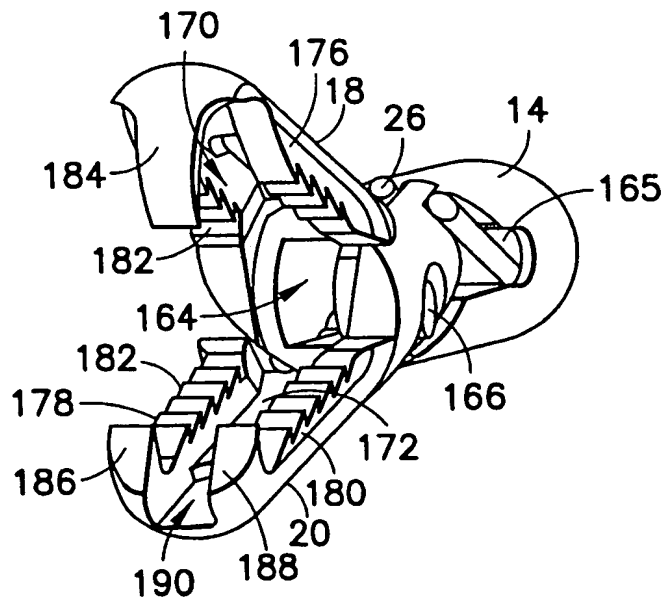


FIG. 10

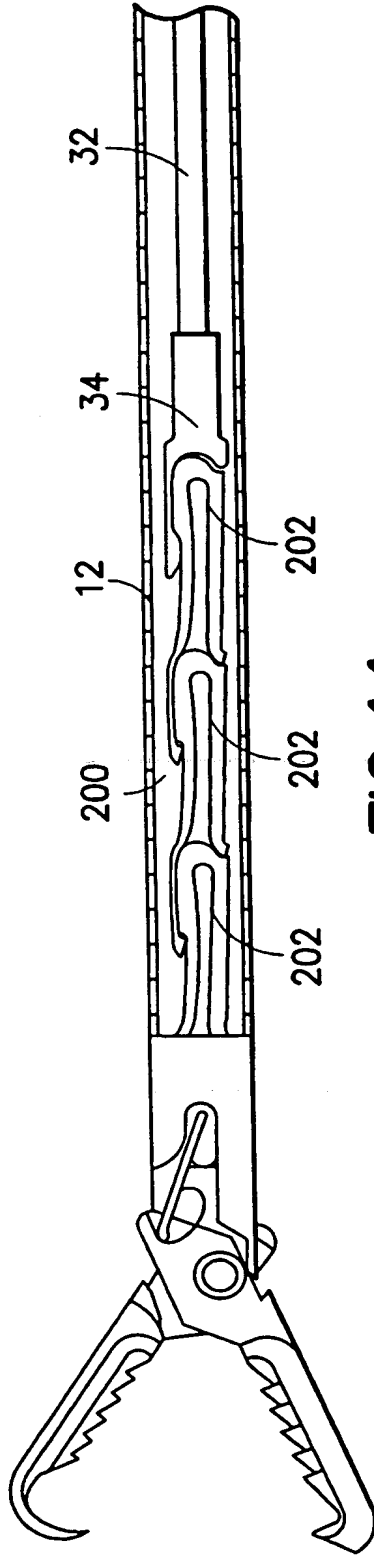


FIG. 11

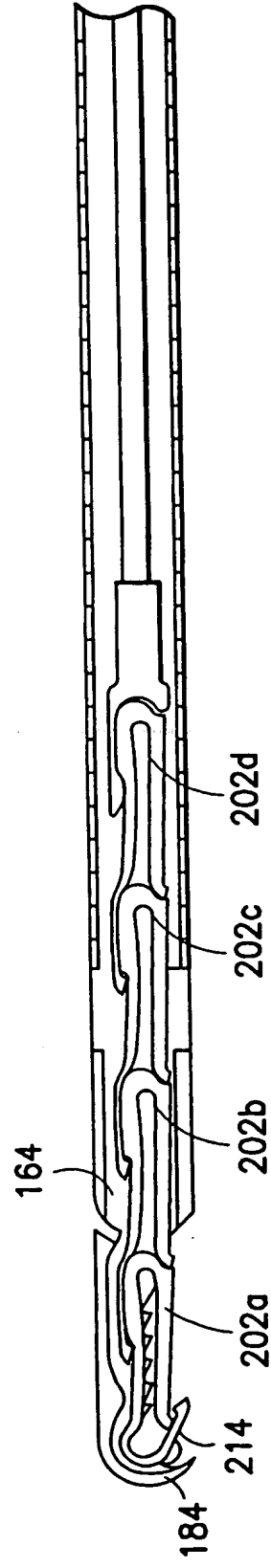


FIG. 17

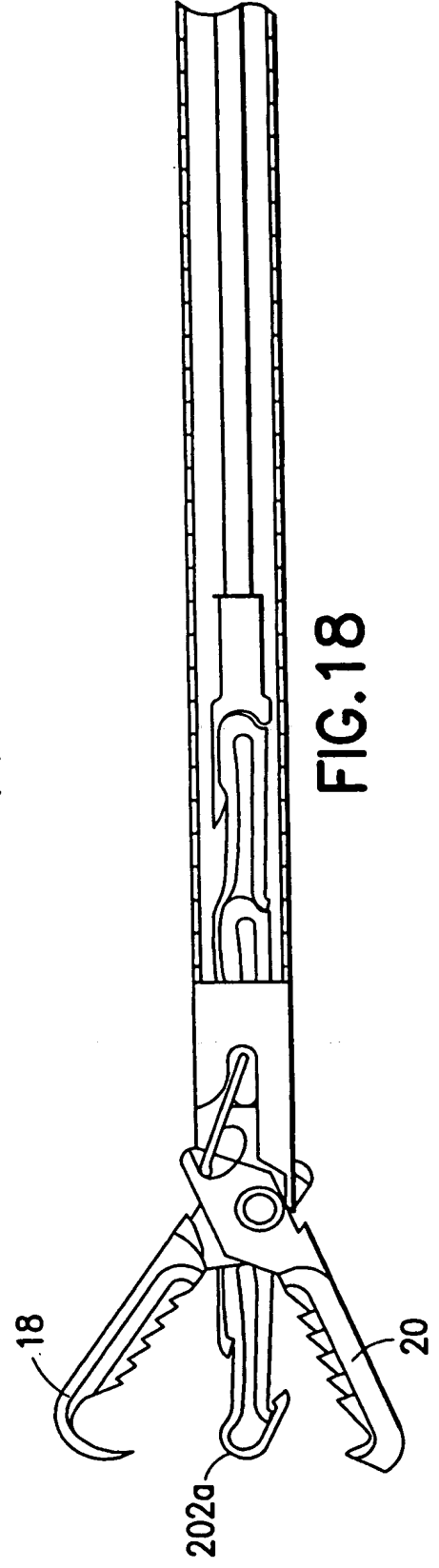


FIG. 18

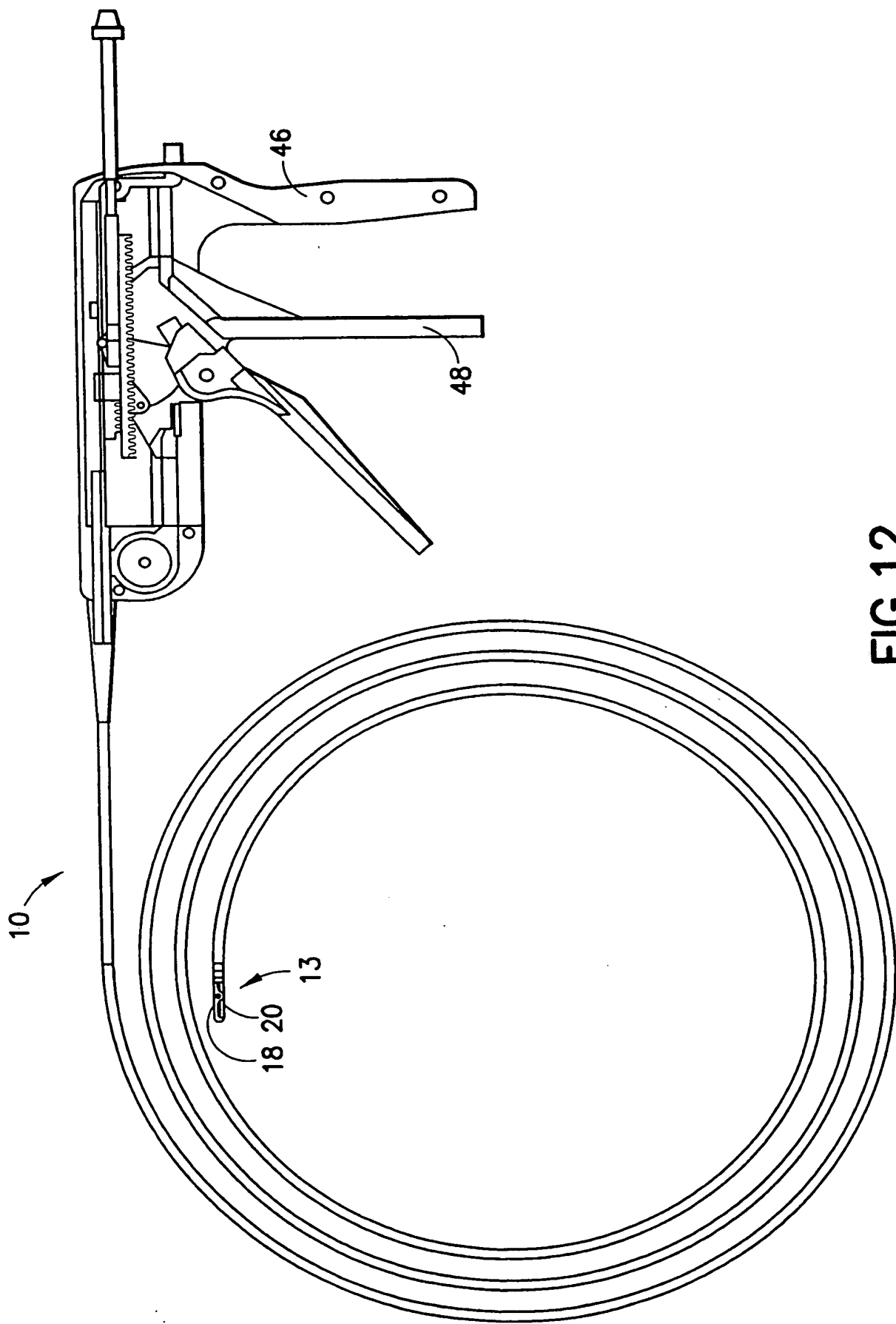


FIG.12

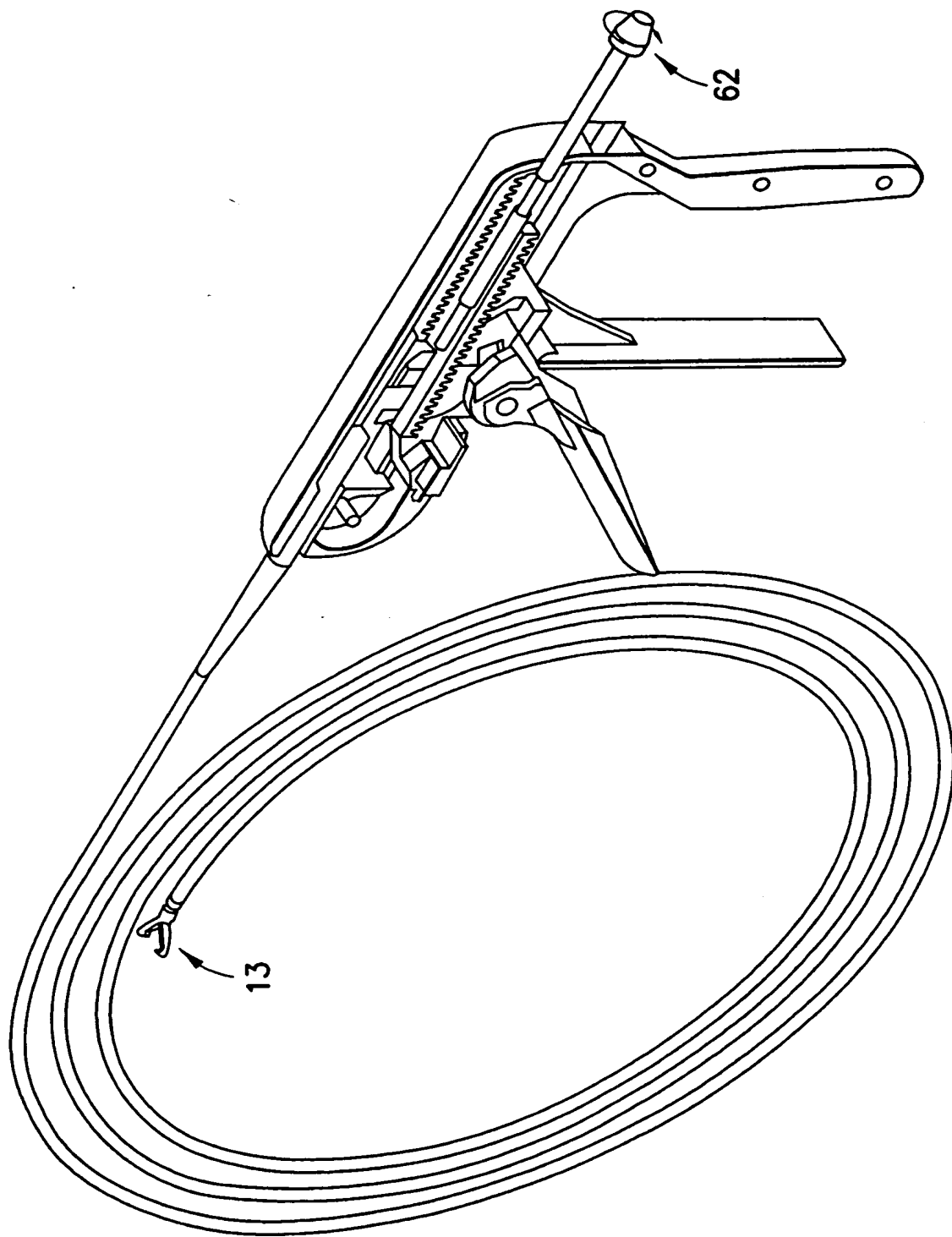


FIG.13

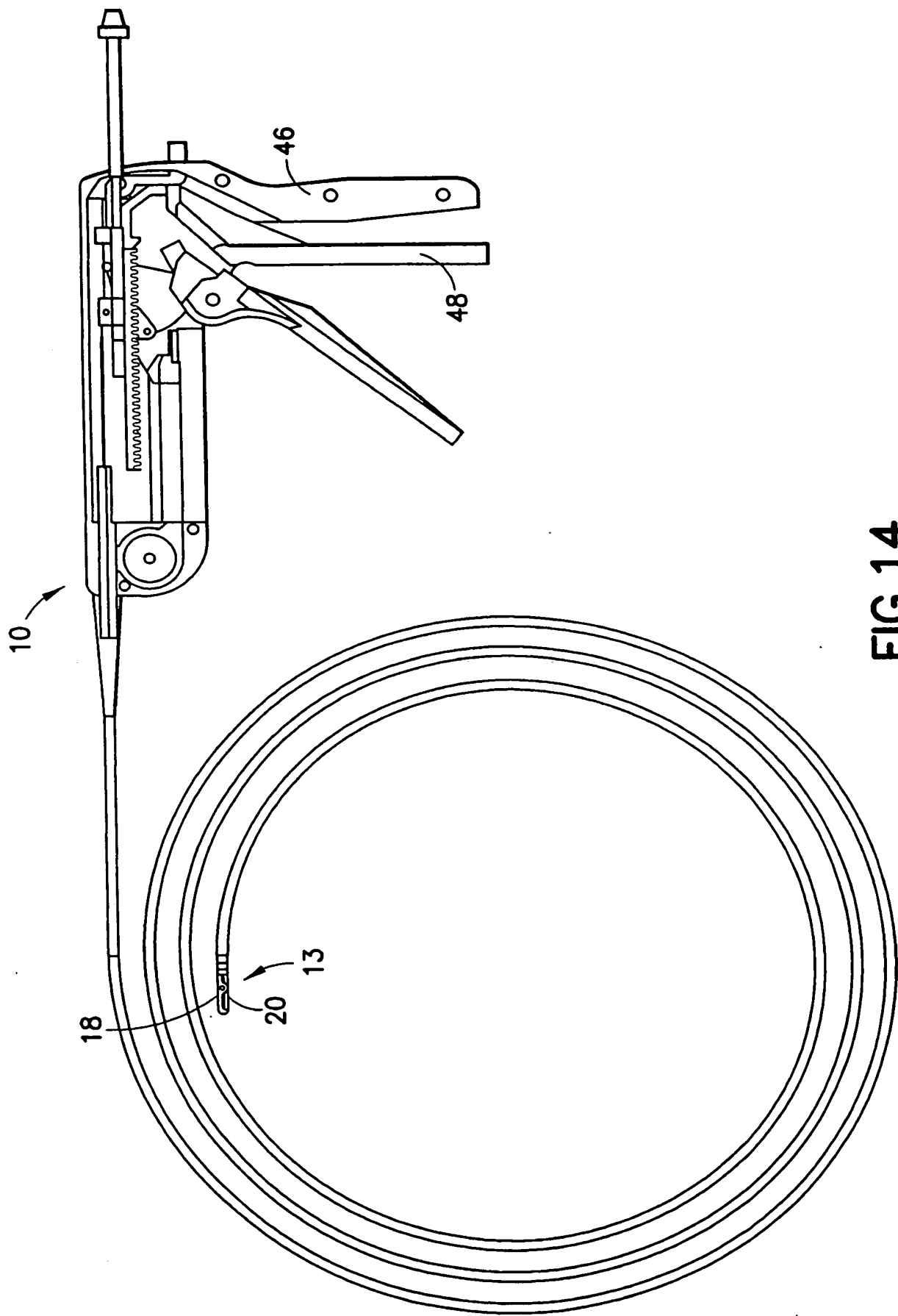


FIG.14

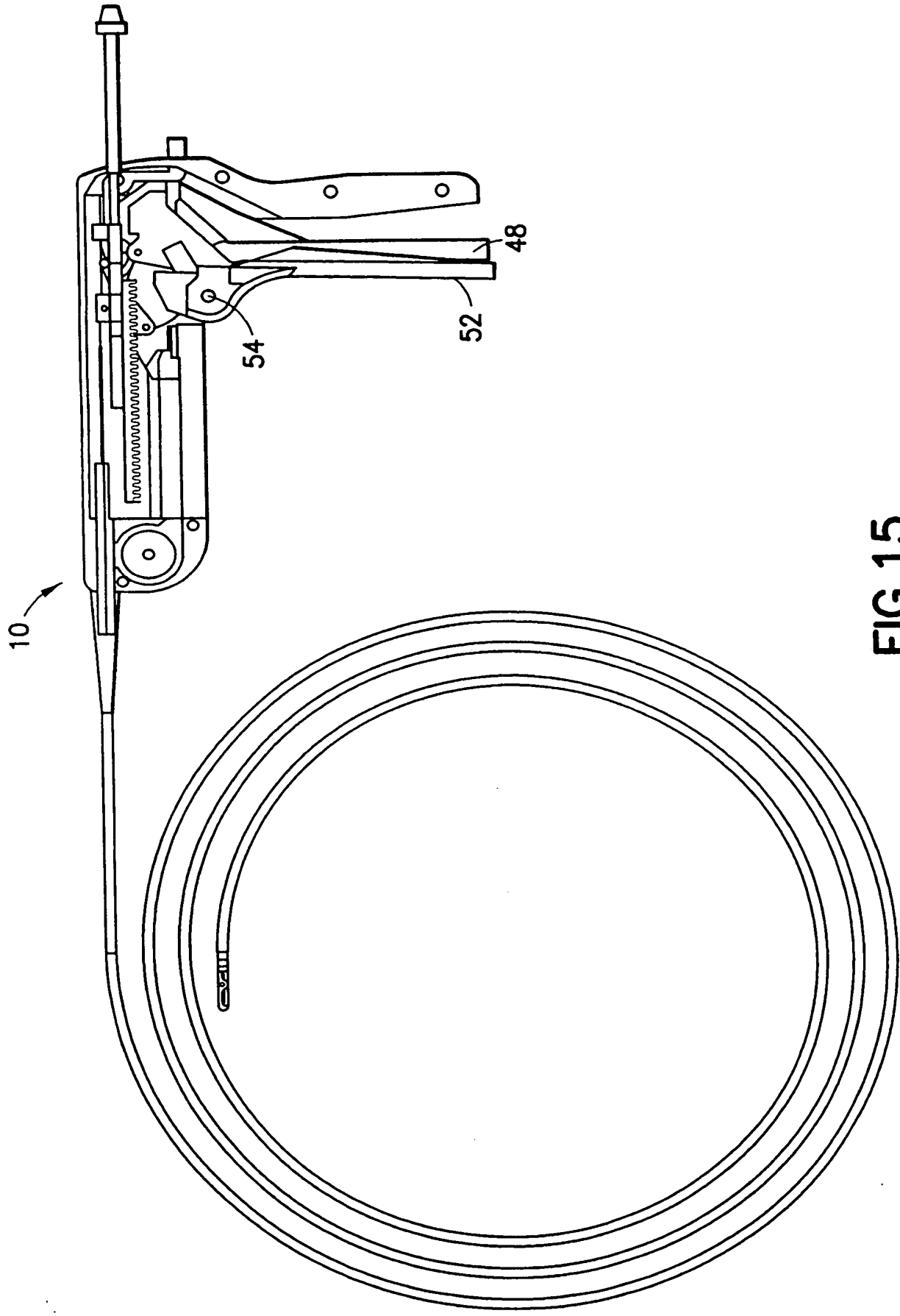


FIG.15

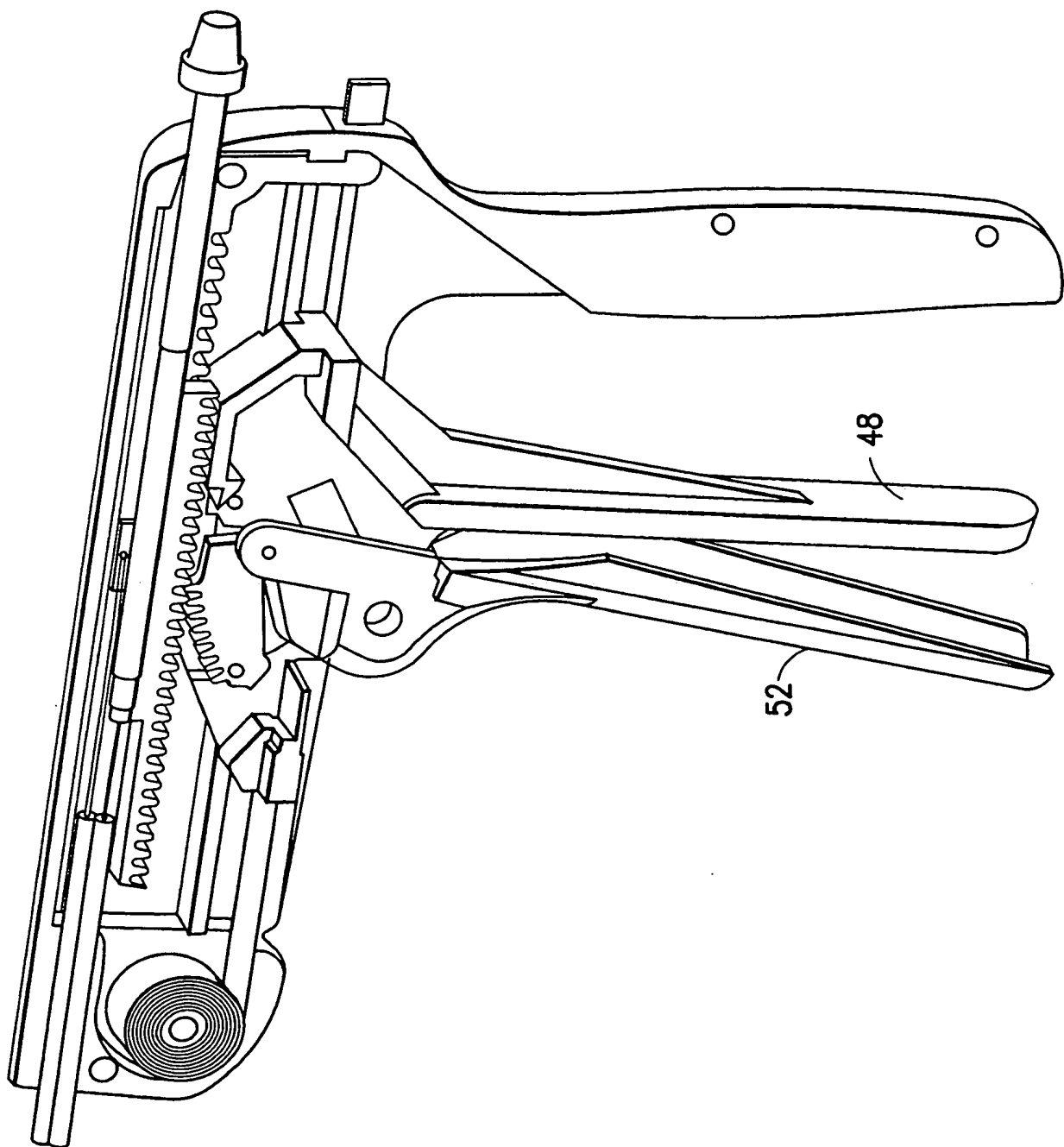


FIG.16

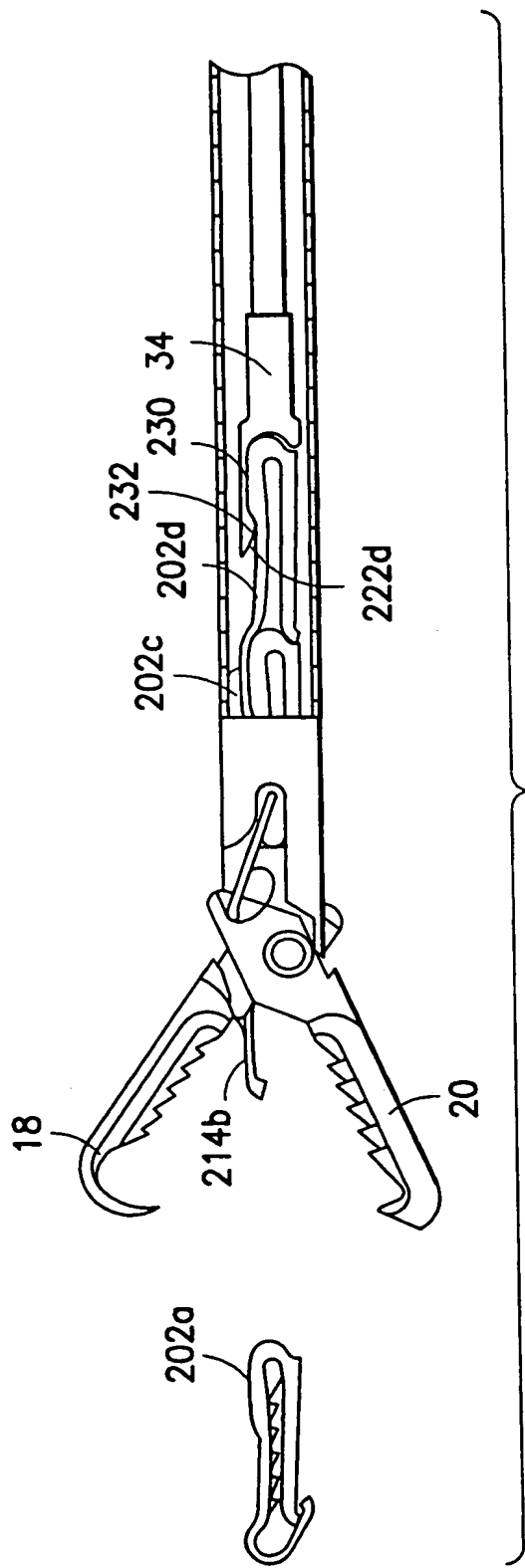


FIG. 19

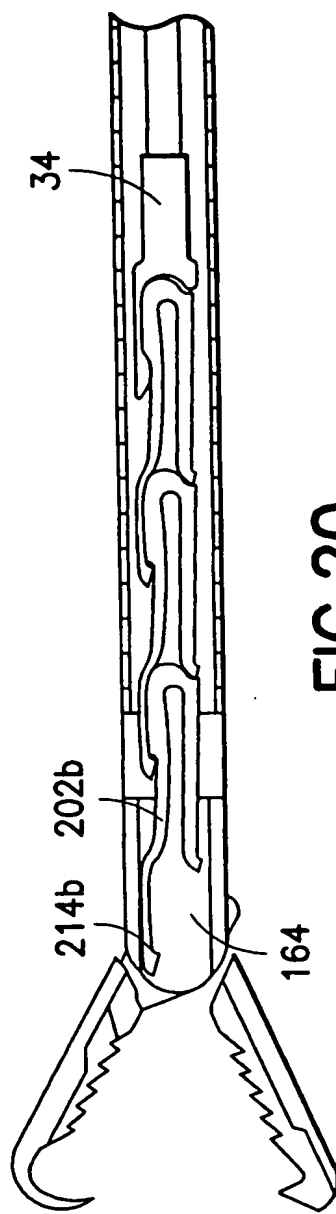


FIG. 20

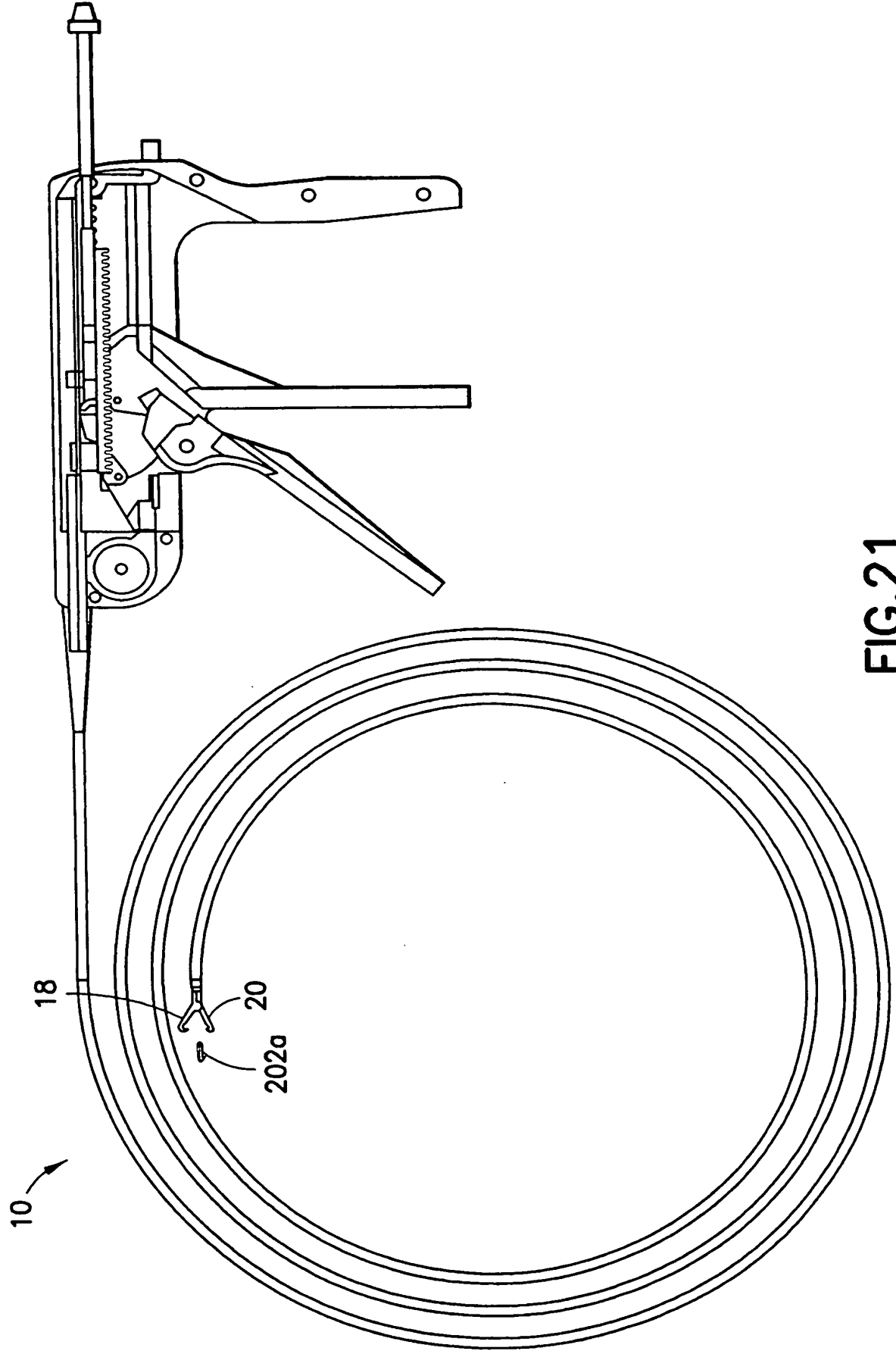


FIG.21

COIL O.D.	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.086	0.083
COIL I.D.	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.053	0.054	0.054	0.054
CLIP ADVANCING WIRE O.D.	0.017	0.017	0.017	0.015	0.02	0.02	0.02	0.02	0.017	0.017	0.017	0.017
END EFFECTS WIRE O.D.	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.009	0.009	0.009	0.009
BARRIER SHEATH	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	RUN #1	RUN #2	RUN #3	RUN #4	RUN #5	RUN #6	RUN #7	RUN #8	RUN #9	RUN #10	RUN #11	RUN #11
1 lb	0.46	0.24	0.32	0.54	0.59	0.56	0.45	0.87	0.4	0.57	0.77	0.77
2 lb	1.19	0.75	0.9	1.07	1.07	1.07	0.69	1.62	1.12	1.02	1	1
3 lb	1.67	1.24	1.44	1.51	1.9	1.7	1.02	2.07	1.61	1.39	1.77	1.77
4 lb	2.19	1.81	1.98	2.62	2.3	2.6	1.51	2.61	2.01	2.09	2.76	2.76
5 lb	2.74	2.35	2.59	2.05	3.07	2.98	2.26	3.5	2.44	3.19	3.15	3.15
6 lb	3.27	2.82	2.61	2.11	3.68	3.72	2.56	3.87	2.78	3.5	3.61	3.61
7 lb	3.32	3.12	3.37		3.93	3.8	3.34	4.56	3.54	3.92	4.48	4.48
8 lb	3.82	3.42			4.03	4.08	3.54	4.61	4.28	4.42	5.17	5.17
WEIGHT POSITION	11 lb NO LOOPS	11 lb 1 LOOPS	11 lb 2 LOOPS	11 lb NO LOOPS	11 lb NO LOOPS	11 lb 1 LOOPS	11 lb 2 LOOPS	11 lb NO LOOPS	11 lb 2 LOOPS	11 lb NO LOOPS	11 lb NO LOOPS	11 lb NO LOOPS

FIG. 22

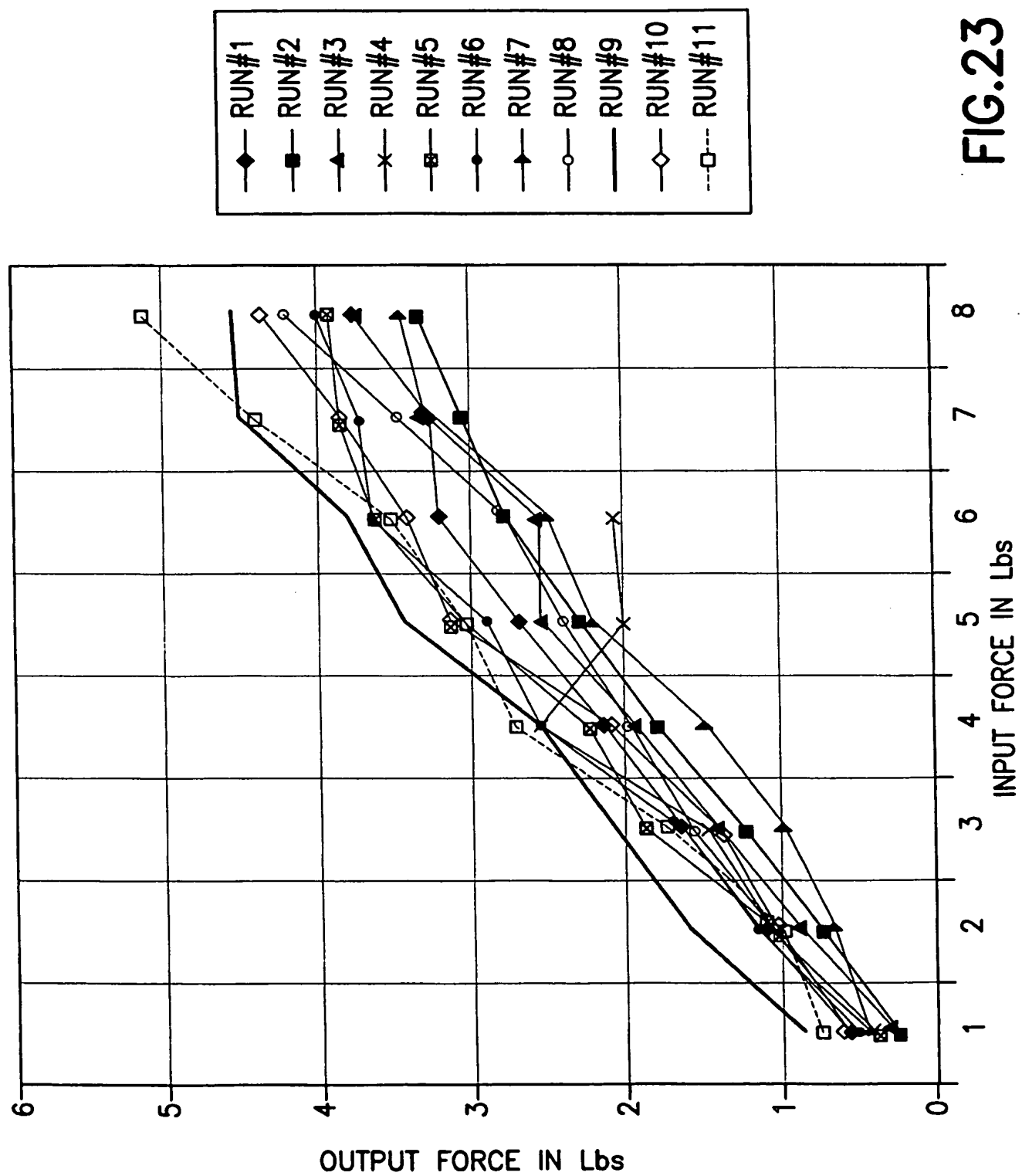


FIG.23